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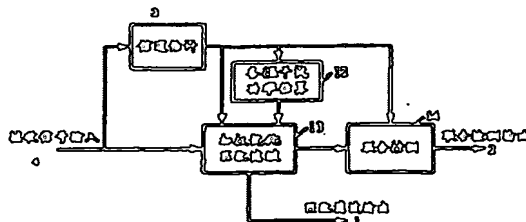
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本国际公布:
— 包括附图摘要。

附图用数字代码和其他符号表示。各符号和数字代码 PCT 公报国际公布的一代代码和符号(见说明)。

(50) Title: METHOD FOR DETECTING THE ORTHOGONAL CODE CDMA SIGNAL

(51) 发明名称: 正交码CDMA信号的检测方法



- 1 输入信号
- 2 功率估计器
- 3 功率比较器
- 4 功率门限
- 5 功率门限
- 6 功率门限
- 7 功率门限
- 8 功率门限
- 9 功率门限
- 10 功率门限

(57) Abstract: The present invention discloses a method for detecting the orthogonal code CDMA signal. It mainly includes: estimating the main power of each multipath signal and performing main proportion combination by using the power of each multipath signal's detector, in order to get optimized matched filtering output; and united detecting the optimized matched filtering output. It may be two implement: when using the latest implement of optimized matched filtering, it only needs to perform the first two main steps; when using the united detecting implement, it needs to perform all the three steps. For the two implement to estimate the main power of each multipath signal's detector, it needs to select the detector's channel which join to estimation, namely select all the code's channel of this subzone or the code's channel of this subzone which not perform united detection. As a result of using the orthogonal code characteristic and channel estimation, improve the system's performance by small cost. It can be especially used in the device of orthogonal code CDMA system.

(2005)